

TIMAKOV, V. D.

Nov 53

USSR/Medicine - Modification of
Microorganisms;
Dysentery

"Investigation of Filterable Forms of Bacteria
Isolated From Dysentery Phage Filtrates," V. D.
Timakov, R. S. Mikhel'son, L. S. Kolyaditskaya,
A. A. Shmurygina, Inst of Epidem and Microbiol
im N. F. Gamaleya, Acad Med Sci USSR

Zhur Mikro, Epid, i Immun, No 11, pp 5-11

Secondary cultures obtained from phagolysates of
dysentery bacilli were not very active. They could
be regenerated by repeated culturing on a nutrient

271T33

medium. Secondary culture No 23 exhibited a common
antigenic structure with the initial strain. By
cross-agglutination, the mutual resemblance of
antigenic structures of different secondary cul-
tures as well as of secondary initial strains
could be shown. The immune serum obtained by
immunizing rabbits with a secondary culture pro-
tected mice from lethal doses of the culture and
of the initial strain. Animals immunized with the
initial strain were more resistant to a homologous
culture than to secondary cultures. Immunization
with secondary cultures did not assure complete
protection against the initial strain, while there
was pronounced resistance to homologous cultures.

271T33

TIMAKOV, V.D.

Problem of variability of pathogenic micro-organisms. Sovet. med. 17
no.4:3-7 Apr 1953. (CIML 24:4)

1. Professor, Active Member Academy Medical Sciences USSR.

TIMAKOV, V.V., laureat Stalinskoy premii.

Variability of microbes. Nauka i zhizn' 20 no.9:11-13 S '53. (MIRA 6:11)

1. Deyatvitel'nyy ohlen Akademii meditsinskikh nauk SSSR. (Microorganisms)

KUCHERUK, V.V.; RUBINA, M.A.; PAVLOVSKIY, Ye.N., akademik, zaveduyushchiy;
TIMAKOV, V.D., professor, direktor; NIKOLAYEVA, A.I., nachalnitsa.

The reasons which determine the component species and number of rodents in ricks, strawstacks, and haystacks of the southern districts of Moscow Province. Zool.zhur. 32 no.3:495-505 My-Je '53. (MLRA 6:6)

1. Otdel parazitologii i meditsinskoy zoologii Instituta epidemiologii i mikrobiologii Akademii meditsinskikh nauk SSSR (for Kucheruk, Rubina, Pavlovskiy). 2. Institut epidemiologii i mikrobiologii Akademii meditsinskikh nauk SSSR (for Timakov). 3. Mikhnevskaya tulyaremiynaya stantsiya (for Kucheruk, Rubina, Nikolayeva). (Moscow Province--Rodentia)

TIMAKOV, V. D., KAGAN, G. YA.

"A Critical Examination of Certain Views of Professor, G. P. Kalin's
Book, Development of Microbe Cells From Precellular Materials."
Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member,
Academy of Medical Sciences USSR, head. Inst. Epidem and Microbiol im.
Gamaleya AMS USSR

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D.

"The Modifiability of Microorganisms and the Problem of Obtaining Live Vaccines."

"The Problem of the Modifiability of Microorganisms." [paper read at a session of the institute's Scientific Council held during the 1955.] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences USSR, Inst. Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D., and GOL'DFARB, D. M.

"The Experimental Basis of a New Principle for Discovering Pathogenic Microorganisms with the Help of a Phage." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences USSR, head. Inst. Epidem and Microbiol. im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D., KUDLAY, D. G., SKAVRONSKAYA, A. G., SPIRIN, A. S., BELOZERSKIY, A. N.

"An Immunological Study of Protein Fraction of Transformed Bacteria of the Enteric Group." Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences, USSR, head, Inst. Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D., GOL'DFARB, D. M.

"The Diagnosis of Dysentery, Bacteriophage, and the Problem of Detecting Bacteria" Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Interinstitute Scientific Conference on Problems of Dysentery [The following are identifications of personnel associated with the Institute of Epidemiology and Microbiology imeni N. F. Gamaleya who attended the conference held in Molotov, 4-7 April 1956] Inst. Epidem and Microbiol im. Gamaleya AMS USSR

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D.

"The Crestive Methods of L. A., Zil'ber," [paper read at an unidentified scientific conference held by the institute during the first half of 1954] Proceedings of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences USSR, head, Inst. Epidem and Microbiol im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

TIMAKOV, V. D.

TIMAKOV, V.D.

Present state and future tasks of scientific research on the
prevention of infectious diseases. Vest AMN SSSR no.2:31-34 '54.
(MLRA 7:7)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(COMMUNICABLE DISEASES, prevention and control,
*Russia)

Translation Sum. No. 447, 19 Aug 55

TIMAKOV, V.D.

Variability of microorganisms and the problem of obtaining living vaccines. Zhur. mikrobiol. epid. i immun. no.10:3-11 0 '54.
(MLRA 8:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni pochetnogo akademika N.F.Gamalei AMN SSSR (dir. prof. G.V.Vygodchikov)

(VACCINES AND VACCINATION,

living vaccines, bact. & viral variability in prep. of)

(BACTERIA,

variability in prep. of living vaccines)

(VIRUSES,

variability in prep. of living vaccines)

Translation W-31286, 13 May 55

Timakov, V.D.

ZHDANOV, V.M., redaktor; BEKLEMISHEV, V.N., redaktor; BILIBIN, A.F.,
redaktor; VYGODCHIKOV, G.V., redaktor; DOBROKHOTOVA, A.I.,
redaktor; ZHUKOV-VEREZHNIKOV, N.N., redaktor; ZDRODOVSKIY, A.I.,
redaktor; KASHKIN, P.N., redaktor; KRICHKOVSKIY, A.M., redaktor;
PAVLOVSKIY, A.M., redaktor; POD'YAPOL'SKAYA, V.P., redaktor;
POPOV, I.S., redaktor; RUDNEV, G.P., redaktor; SKRYABIN, K.I., redak-
tor TIMAKOV, V.D., redaktor; BUNIN, K.V., redaktor; ZAKSTEL'SKAYA,
L.f., redaktor; SACHEVA, A.I., tekhnicheskii redaktor

[Contagious diseases in man; academic reference book] Zaraznye
bolezni cheloveka; akademicheskii spravochnik. Moskva, Gos. izd-
vo meditsinskoi lit-ry, 1955. 681 p. (MLFA 9:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow.
(CONTAGION AND CONTAGIOUS DISEASES)

TIMAKOV, V.D.

Report on the activities of the Presidium of the Academy of
Medical Sciences of the U.S.S.R. during 1954. Vest. AMN SSSR: no.2:
10-32 '55. (MLRA 8:8)

1. Akademik-sekretar' AMN SSSR.

(SOCIETIES, MEDICAL,

Acad. of Med. of USSR, annual report for 1954)

TIMAKOV, V.D.; KUMAY, D.G., doktor biologicheskikh nauk.

Features of the variability of microorganisms and its significance in biology and medicine; the problem at present and prospects for its solution. Vest. AMN SSSR no.4:3-20 '55. (MLRA 9:2)

1. Deystvitel'nyy chlen AMN SSSR (for Timakov).
(BACTERIA,
regularity of changes)
(MICROBIOLOGY,
variability of microorganisms, biol. & med. aspects (Ris))

Timakov, V.D.
USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35644

Author : *Timakov, V.D.*; Kudlai, D.G.; Shavronskaya, A.G.;
Spirin, A.S.

Title : An Immunological Study of the Protein Fractions
of Directly Altered Bacteria of the Intestinal
Group

Orig Pub: Zh. mikrobiol., epidemiol., i immunobiologii, 1955,
No. 8, 20-30

Abstract: The antigen structure of intestinal bacilli,
Breslau paratyphous bacteria, alkali-formers
obtained by the cultivation of intestinal bacilli
in a culture of Breslau bacteria killed by heat-
ing, and paratyphoid obtained by the cultivation

Card 1/5

USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35644

of alkali-formers also in a culture of Breslau bacteria killed by heating, was studied by the method of immuno-chemical analysis. By means of a selection of colonies of named variants and their successive strengthening, strains were obtained, the properties of which when preserved in a semifluid agar (pH 7.4) under vaseline oil, remained unchanged over a period of 6 years. From a microbe mass obtained by means of a washing of a 20-hour agar culture, after treatment with alcohol and ether, nucleoproteids were extracted with the help of 0.14 and 1 M NaCl, and proteins of the non-nucleoproteid type by alkalies. The remainder of the bacterial bodies consisted of proteins with the exception of alkali-formers, which contained also a great quantity of matter of

Card 2/5

USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35644

a carbohydrate nature. The extracts received were subjected to a fractional precipitation successively with acetic acid, alcohol and acetone. In alkali-formers the fractions of nucleoproteids and neutral proteins precipitated by acetic acid and which are characteristic for three other strains were completely absent. The alcohol soluble protein precipitated by acetone from the salt extract of 0.14 M NaCl, in intestinal bacilli is not at all apparent, in alkali-formers is weakly represented, becomes more apparent in paratyphoids, and is evident much more in the control Breslau culture. Rabbits were immunized with the nucleoproteid and protein preparations received by fractionization and their serum

Card 3/5

USSR /Microbiology. Medical and Veterinary
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 356⁴⁴

was studied in the crossed reactions of precipitation with all the fractions of each of the 4 strains in order to determine the general and specific antigens entering into them. Indicating the genetic bond between the intestinal bacilli and the Breslau bacteria is the presence of group antigens in the majority of their fractions and the presence in paratyphoid bacteria of antigens specific for intestinal bacilli. The fraction of alkali-formers, defined as a residue, contains antigens specific to intestinal bacilli, paratyphoid bacilli, paratyphoid and alkali-formers. In the complex of the fraction of alkali-formers of a one-molar extract containing DNA, an antigen was exposed which was specific to paratyphoid bacilli and paratyphoid. One of the alkali fraction

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F-6

USSR /Microbiology. Medical and Veterinary
Microbiology.

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35644

extracts of paratyphoid contains a group antigen, common to intestinal bacilli, paratyphoid bacilli and paratyphoid; an antigen, common only to alkali-formers and paratyphoid; and an antigen common to intestinal bacilli and paratyphoid. The chemical composition and antigen structure of paratyphoid is extremely close but not identical to that of the Breslau bacteria. The appearance of identical antigens in different fractions of various microbes is evidence of the biochemical reorganization of their nucleoproteids.

Card 5/5

APPROVED FOR RELEASE

TIKHONENKO, V., polkovnik, kand.istoricheskikh nauk

Correlation of war and socialist revolution. Komm. Vooruzh.
Sil 4 no. 13:55-62 J1 '64. (MIRA 17:7)

BAKULEV, A.; TIMAKOV, V., akademik-sekretar'; SERGIYEV, P., akademik-sekretar'

The Professor E.N.Pavlovskii, active member of the academy of Medical Sciences of the U.S.S.R. and Stalin Prize winner. Vop.kraev., ob. 1
eksp.paraz. i med.zool. 9:7-8 '55. (MIRA 10:1)

1. Prezident Akademii meditsinskikh nauk SSSR. (for Bakulev). 2. Akademiya meditsinskikh nauk SSSR (Timakov). 3. Otdeleniye gigiyeny, mikrobiologii i epidemiologii Akademii meditsinskikh nauk SSSR (for Sergiyev)

(PAVLOVSKII, EVGENII NIKANOROVICH, 1884-)

TIMAKOV, V.D.

[Variability in micro-organisms] Izmenchivost' mikroorganizmov.
Moskva, Medgiz, 1956. 211 p. (MLRA 9:5)
(MICRO-ORGANISMS) (VARIATION (BIOLOGY))

TIMAKOV, V. D.

"Contemporary Problems Related to the Modifiability of Microorganisms,"
a report presented at the 13th All-Union Congress of Hygienists, Epidemiologists,
Microbiologists, and Infectionists, Leningrad, 1956 (June). Zhur, Mikrobiol.,
Epidemiol. i Immunobiol., pp 3-5, 1956.

USSR/Microbiology. General Microbiology

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57433

Author : Timakov V. D.

Inst : Not given

Title : Problems of Variability of Microorganisms

Orig Pub : Usloviya zhizni i zdorov'ye, 1956, 1, No 2,
125-134

Abstract : The causes, mechanism, and diapason of the variability of microorganisms are examined. The discussed experimental data of the Soviet and foreign investigators are explained from the point of view of the adaptation theory of variability. In the author's opinion, possible is not only the intraspecie but also the interspecie variability which develops as a result of adaptation under the influence of the extraneous : -

Card 1/2

USSR/Microbiology. General Microbiology

F

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57433

Abstract : medium, and which takes place as a result of
the modifications of the biochemical processes
in the cell.
Bibliography--52 titles.

Card 2./2

EXCERPTA MEDICA Sec 4 Vol. 10/9 Microbiology Sept 57

2089. TIMAKOV V. D. and GOLDFARB D. M. N. F. Gamalei Inst. of Epidemiol. and Microbiol., Acad of Med. Sci. of the USSR, Moscow. * Experimental basis of a new method of detecting dysentery and typhoid

2089

bacteria by the use of phage (Russian text) Z. MIKROBIOL.
1956, No. 10 (3-9) Tables 3

The authors propose a new method of detecting dysentery and typhoid bacteria without isolating them in pure culture. An increase in the number of particles of a standard phage after a period of intracellular growth constitutes a positive result. The phage used for this purpose must possess definite properties (range of activity, titre etc.). A dysentery phage, lysing Flexner and Sonne bacteria, was used in the experiments. The plan of the experiments was as follows: To broth containing different concentrations of bacteria were added 0.5 ml. quantities of the indicator phage in a dilution 10^{-2} . The test mixtures and the corresponding controls were kept at 37° C. for 1-5 hr. From each test tube 0.1 ml. was taken and diluted in broth, the dilutions were heated (58°, 30 min.) and the number of plaques on solid medium determined. The sensitivity of the method increases proportionally with the length of time the phage is in contact with the cells. Large concentrations of bacteria can be detected after a short duration of contact. The results of the test are read after 7-11 hr. By this method, dysentery bacteria were detected in artificially infected water and in faeces in the presence of large concentrations of *E. coli*, where the method of isolating pure cultures did not give positive results.

Chakhava - Moscow

TIMAKOV, V.D.; GOL'DFARB, D.M., doktor meditsinskikh nauk (Moskva)

Bacteriophage and the problem of identifying pathogenic bacteria.
Vest. AMN SSSR 11 no.2:28-34 '56. (MIRA 9:8)

1. Deystvitel'nyy chlen AMN SSSR (for Timakov). 2. Iz laboratorii
mikrobiologii Instituta epidemiologii i mikrobiologii imeni N.F.
Gamaleya AMN SSSR.

(BACTERIOPHAGE
demonstration of pathogenic bacteria)

TIMAKOV, V.D.; SKAVRONSKAYA, A.G.

Controlled mutation of the characteristics of micro-organisms;
a review of foreign literature. Part 1. Zhur.mikrobiol.epid. i
immun. 27 no.6:19-24 Je '56. (MLBA 9:8)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei
AMN SSSR

(BACTERIA
mutations, induced, review)

(FUNGI
same)

TIMAKOV, V.D.; SKAVRONSKAYA, A.G.

~~Under contract to the USSR Academy of Sciences~~

Controlled changes in the properties of microorganisms; review of
foreign literature. Part 2. Zhur.mikrobiol.epid. i immun. 27 no.7:
96-100 Jy '56. (MIRA 9:9)

(BACTERIA

transform., heredity, review)

TIMAKOV, V.D.; SKAVRONSKAYA, A.G.

Controlled modification of properties of enterotyphoid bacteria in natural biocenoses in the intestines in rabbits. Zhur.mikrobiol. epid. i immun. 27 no.12:3-8 D '56. (MLRA 10:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F.Gamelei AMN SSSR.

(SHIGELLA DYSENTERIAE,
variability in biocenosis with Salmonella typhosa in rabbit intestines (Rus))

(SALMONELLA TYPHOSA,
variability in biocenosis with Shigella dysenteriae in rabbit intestines (Rus))

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

E

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103474

Author : Timakov, V. D.; Gol'dfarb, D. M.
Inst : -

Title : Experimental Basing of a New Method of Detecting
Dysentery and Typhoid Bacteria by Means of Phage

Orig Pub: Sb. Bakteriofagiya. Tbilisi, Gruzmedgiz, 1957,
61-69.

Abstract: The experimental basing of a method of detecting
bacteria by means of the phage titer increase reac-
tion (PTIR) is presented. It is shown through exam-
ples of detecting bacteria, Flexner dysentery and
typhoid, under experimental conditions that the PTIR
is many times more sensitive than the bacteriologic

Card : 1/2

E

Country : USSR
Category: Virology. Bacterial Viruses (Phages)

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103474

method and permits the detection of bacteria without the isolation of them in pure cultures and in a short period of time (10-11 hours). For the PTIR phage is needed with a strictly established range of action and known properties. -- Ya. I. Rautenshteyn.

Card : 2/2

USSR / Microbiology. General Microbiology. L-Forms of F
Microorganisms and Microorganisms of the
Pleuropneumonia Type

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 94937

Author : Timakov, V. D.; Kagan, G. Ya.

Inst :

Title : Cytomorphological Features and a Method of Ob-
taining L-Forms of Typhoid Bacteria.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1957,
No. 5, 38-43

Abstract : L-forms are successfully and regularly obtained
from cultures of typhoid bacteria by means of
cultivation in dishes with penicillin-serum agar.
The formation process of L-forms proceeds analo-
gously both in anaerobic and aerobic conditions.
The morphology of the L-forms of the typhoid

Card 1/2

USSR / Microbiology. General Microbiology. L-Forms of F
Microorganisms and Microorganisms of the
Pleuropneumonia Type

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 94937

bacteria are similar to the morphology of L-forms of Streptobacillus moniliformis and to the causative agent of pleuropneumonia in cattle. The dynamics are described of the formation of these forms. By passing the L-form cultures into a 20% serum agar without penicillin, their reversion into bacilli forms is observed. Differences are shown in the formation rate of large bodies, vacuoles and granular forms depending on the concentration of penicillin in the medium. 5 microphotographs.

Card 2/2

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52805

Author : Timakov, V.D., Kudlay, D.G., Petrovskaya, V.G., Korneeva, A.M., Kodina, L.A.

Inst : -

Title : Comparative Study of Streptomycin-Resistant Variants of Typhoid Bacilli of Different Virulence. Report 1.

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 8, 3-8.

Abstract : From the same culture of typhoid bacilli two variants were obtained resistant to 200,000 units of streptomycin, which differed markedly in their virulence. The avirulent variant is characterized by diminished reproduction rate and a considerable decrease in the size of colonies. Comparative chemical analysis showed that the resistant variants differ from the original culture by an increased content of RNA, especially the avirulent strain. The latter

Card 1/2

USSR/Microbiology - Antibiosis and Symbiosis. Antibiotics.

F-2

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52805

differs markedly from the original strain as well as from
the resistant variant with a preserved virulence in its
lipoid content (the increase is more than double). --
V.G. Petrovskaya

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ELAKOV, V. D.

TIMAKOV, V.D.

Excerpt from the report on the activities of the Academy of Medical Sciences of the U.S.S.R. in 1954-1956. Vest. AMN SSSR 12 no.3:9-28 '57. (MIRA 10:8)

1. Akademik-sekretar' Akademii meditsinskikh nauk SSSR (MEDICINE)

USSR / Virology. Bacterial Viruses (Phages).

E-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, No. 90546

Authors : Timakov, V. D.; Petrovskaya, V. G.

Inst : Not given

Title : The Problem of Lysogeny. (Survey of Literature).

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1957, ⁵⁷No. 12, 82-89.

Abstract : Survey of the subject of lysogeny and transduction. In the opinion of the authors there is no great difference between the latent (moderate) and virulent phages. In connection with this and also in view of the existence of numerous latent virus infections in nature, the authors believe that the phenomenon of lysogeny does not contradict the exogenous theory on the nature of phage. The bibliography contains 68 titles.

Inst. Epidemiology & Microbiology in Gromakova

Card 1/1

Acad. Med. Sci, USSR

TIMAKOV, V. D.

Principles of Changeability in the Microorganisms of the Coli and Typhus
Group.

Report submitted for the International Congress for Microbiology, Stockholm, Sweden,
4-9 Aug 1958.

TIMAKOV, Vladimir Dmitriyevich, GOL'DFARB, David Moiseyevich, MIK'OVICH, K.G.
red.; BEL'CHIKOVA, Yu.S., tekhn.red.

[Fundamentals of experimental medical bacteriology] Osnovy
eksperimental'noi meditsinskoi bakteriologii; obshchaya chast'.
Moskva, Gos.izd-vo med. lit-ry, 1958. 247 p. (MIHA 11:8)
(Bacteriology, Medical)

TIMAKOV, V.D., KAGAN, G.Ya., LEVASHOV, V.S.

Biological features of the L form of the typhoid bacteria grown
on media containing penicillin [with summary in English].
Antibiotiki 3 no.4:46-50 JL-Ag '58 (MIRA 11:10)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei
AMN SSSR.

(EBERTHELLA TYPHOSA)
(PENICILLIN)

TIMAKOV, V.D., KAGAN. G.Ya. KOPTELOVA, Ye.I. SOLOV'YEV, N.N.

Characteristics of the biological properties of invisible filterable forms of *Eberthella typhosa* and forms regenerated from them.
Report No.1: Method of detecting filterable forms in bacterial cultures, exposed to adverse effects, and their filtrates. Results of regeneration. Trudy Inst. mikrobiol. no.5:214-224 '58 (MIRA 11:6)

1. Institut epidemiologii i mikrobiologii im. N.F. Gamalei AMN SSSR.
(*SALMONELLA TYPHOSA*, culture,
regen. & detection of filtrable forms exposed to inhib.
(Rus))

TIMAKOV, V.D., KAGAN, G.Ya., KOPTELOVA, Ye.I.

Characteristics of the biological properties of invisible forms of *Eberthella typhosa* and forms regenerated from them. Report No.2: Cultural, biochemical, antigenic and immunogenic properties of regenerated filterable forms of *Eberthella typhosa*. Trudy Inst. mikrobiol. no.5:225-235 '58 (MIRA 11:6)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR.

(*SALMONELLA TYPHOSA*, culture, regenerated filtrable forms, cultivation, biochem. antigenic & immunogenic properties (Rus))

TIMAKOV, V.D., prof.; GOL'DFARB, D.M., doktor med.nauk

Interrelationships of phage and the bacterial cell. Vest.AMN SSSR
13 no.2:37-46 '58. (MIRA 11:3)

1. Deyatvitel'nyy chlen AMN SSSR (for Timakov). 2. Institut
epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR.

(BACTERIOPHAGE

mechanism of action on bact., review (Rus)

TIMAKOV, V.D.; SKAVRONSKAYA, A.G.

Role of nucleic acids in heredity and variability of micro-organisms.
Vest. AMN SSSR 13 no. 4: 12-27 '58. (MIRA 11:4)

1. Deystvitel'nyy chlen AMN SSSR. (for Timakov)
(MICROORGANISMS, eff. of drugs on
nucleic acids, on heredity & variability, review (Rus))
(NUCLEIC ACIDS, eff.
on hered. & variability of microorganisms, review (Rus))

TIMAKOV, V.D., PETROVSKAYA, V.G.

Auxotrophic variants of microorganisms as models for the study
of certain biological problems. Vest.AMN SSSR 13 no.9:41-48 '58
(MIRA 11:10)

1. Deyatvitel'nyy ohlen AMN SSSR (for Timakov)

(MICROORGANISMS

auxotrophic variants as models for study of biol.
problems, review (Rus))

TIMAKOV, V. D.

"Certain rules governing the variability of pathogenic microorganisms."

reported at Conference on Problem of Heredity and Variability, held at
Institute of Genetics, AS USSR, 8-14 Oct 1957
Vestnik AN SSSR, 1958, Vol. 28, No. 1, pp. 127-129 (author Kushner, Kh. F.)

TIMAKOV, V.D.

~~Forty years of Soviet medical microbiology. Zhur. mikrobiol. epid. i~~
immun. 29 no.10;3-9 0 '58. (MIRA 11:12)¹
(MICROBIOLOGY
in Russia (Rus))

ZHDANOV, V.M., red.; VASHKOV, V.I., red.; ZAKHAROVA, M.S., red.;
KUDLAY, D.G., red.; PAVLOV, P.V., red.; RUDNEV, G.P., red.
(Moskva); TIMAKOV, V.D., red. (Moskva); TROITSKIY, V.L., red.;
KHRISTOV, L.N., red. (Moskva); NECHAYEV, S.V., red.;
BEL'CHIKOVA, Yu.S., tekhn.red.

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M.A., starshiy nauchnyy sotr., red.; POSPELOVA, G.N., dotsent,
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skoy SSR (for Guseynov). 5. Chlen-korrespondent AMN SSSR (for Pod"ya-
pol'skaya)

(GOITER) (WORMS, INTESTINAL AND PARASITIC)
(HEALTH RESORTS, WATERING PLACES, ETC.)
(PETROLEUM WORKERS—DISEASES AND HYGIENE)

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(COMMUNICABLE DISEASES—PREVENTION) (ANTIBIOTICS)

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2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Letavet).
3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kovanov).
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TIMAKOV, V.D.; SKAVRONSKAYA, A.G.

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SSSR.

(ANTIGENS AND ANTIBODIES)

(INTESTINES—MICROBIOLOGY)

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(COMMUNICABLE DISEASES)

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AMN SSSR, Moskva.

ТИМАКОВ, В.П.

EUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand.biol. nauk;
 D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.;
 ZHUKOV-VEREZHIKOV, H.N., prof.; ZEMTSOVA, O.M., kand.
 med. nauk; IMSHENETSKIY, A.A., prof.; KALINA, G.P., prof.;
 KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med.
 nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol.
 nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased];
 PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.;
 POGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY,
 A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHANINA-VAGINA,
 V.I., kand.biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel'
 otv. red.; ADO, A.D., prof., red.; BAROYAN, O.A., prof., red.;
 BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.;
 VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor
 med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof.,
 red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof.,
 red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I.,
 prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.;
 ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.M., kand. med.
 nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSYAKOV, P.N.,
 prof., red.; LOZOVSKAYA, Ye.S., kand. med. nauk, red.;
 MAYSKIY, I.N., prof., red.; MUROMTSEV, S.N., prof., red.
 [deceased];

(Continued on next card)

BUGROVA, V.I.---(continued) Card 2.

NIKITIN, M.Ya., red.; NIKOLAYEVA, T.A., red.; PAVLOVSKIY, Ye.N., akademik, red.; PASTUKHOV, A.P., kand. med. nauk, red.; PETRISHCHEVA, P.A., prof., red.; POKROVSKAYA, M.P., prof., red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof., red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.; SKRYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.; SOLOV'YEV, V.D., prof., red.; TRIBULEV, G.P., dotsent, red.; CHUMAKOV, M.P., prof., red.; SHATROV, I.I., prof., red.; TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red.toma; PETROVA, N.K., tekhn.red.;

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(Continued on next card)

BUGROVA, V.I.---(continued) Card 3.

2. Chlen-korrespondent Akademii nauk SSSR (for Imshenetskiy, Krasil'nikov). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes, Baroyan, Boldyrev, Gorizontov, Petrishcheva, Rogozin). 4. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Muromtsev).

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(MICROBIOLOGY) (NUCLEIC ACIDS) (GENETICS)

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